

Table CE2-6.2u. Space-Heating Energy Consumption and Expenditures by Square Feet and Usage Indicators, 2001

Usage Indicators	Space-Heating Energy								RSE Row Factors	
	Households (million)	Total ^a		Per Household ^a			Per Square Feet ^a			
		Consumption (quadrillion Btu)	Expenditures (billion dollars)	Consumption (million Btu)	Expenditures (dollars)	Heated Square Feet	Consumption (1000 Btu)	Expenditures (dollars)		
RSE Column Factor:	1.1	1.4	1.4	1.0	0.9	0.7	0.9	0.9		
Total Households Using a Major Space-Heating Fuel¹	105.3	4.62	50.53	43.9	480	1,707	25.7	0.28	1.9	
Weekday Home Activities										
Home Used for Business										
Yes	7.4	0.41	4.44	55.4	600	2,336	23.7	0.26	6.0	
No/Don't Know	97.9	4.21	46.08	43.0	471	1,659	25.9	0.28	2.0	
Energy-Intensive Activity										
Yes	1.6	0.09	0.93	55.8	564	2,189	25.5	0.26	10.2	
No/Don't Know	103.7	4.53	49.60	43.7	478	1,699	25.7	0.28	2.0	
Someone Home All Day										
Yes	52.1	2.46	26.56	47.1	510	1,765	26.7	0.29	2.5	
No/Don't Know	53.2	2.17	23.97	40.7	450	1,650	24.7	0.27	2.3	
Heated Floorspace Category (square feet)										
Fewer than 500	8.0	0.14	1.89	17.6	237	313	56.4	0.76	6.1	
500 to 999	25.6	0.73	8.82	28.4	345	767	37.0	0.45	3.5	
1,000 to 1,499	22.7	0.85	9.79	37.6	432	1,234	30.5	0.35	3.4	
1,500 to 1,999	16.7	0.79	8.59	47.4	515	1,730	27.4	0.30	3.3	
2,000 to 2,499	12.1	0.67	6.91	54.9	570	2,216	24.8	0.26	3.6	
2,500 to 2,999	7.3	0.48	4.92	65.9	670	2,723	24.2	0.25	4.8	
3,000 to 3,499	4.5	0.30	3.03	65.2	667	3,224	20.2	0.21	9.6	
3,500 to 3,999	3.0	0.21	2.01	70.4	663	3,714	19.0	0.18	7.8	
4,000 or More	5.4	0.45	4.58	83.8	850	5,208	16.1	0.16	4.9	
Year of Construction										
1939 or Before	18.7	1.30	13.19	69.7	706	1,675	41.6	0.42	3.5	
1940 to 1949	7.5	0.40	4.19	52.8	559	1,504	35.1	0.37	5.7	
1950 to 1959	13.8	0.69	7.00	50.4	508	1,721	29.3	0.30	3.9	
1960 to 1969	13.4	0.55	6.03	41.3	449	1,562	26.5	0.29	4.3	
1970 to 1979	18.5	0.60	7.22	32.6	391	1,522	21.4	0.26	4.2	
1980 to 1989	18.1	0.53	6.66	29.4	368	1,730	17.0	0.21	4.5	
1990 to 1999	14.5	0.50	5.74	34.4	397	2,119	16.2	0.19	6.7	
2000 to 2001 ²	0.9	0.04	0.49	48.9	544	2,734	17.9	0.20	17.8	
Housing Unit Type and Number of Bedrooms										
Mobile Home	6.8	0.21	2.66	31.3	393	979	32.0	0.40	7.4	
Less than 3 Bedrooms	3.7	0.12	1.47	32.9	399	782	42.0	0.51	8.1	
3 or More Bedrooms	3.1	0.09	1.19	29.5	386	1,215	24.2	0.32	9.4	
Single-Family Detached	62.3	3.21	34.15	51.6	548	2,076	24.9	0.26	2.2	
Less than 3 Bedrooms	12.1	0.52	5.75	43.0	476	1,312	32.7	0.36	4.0	
3 Bedrooms	33.2	1.59	17.11	47.7	515	1,946	24.5	0.26	2.9	
4 Bedrooms	14.1	0.86	8.77	60.8	621	2,702	22.5	0.23	4.2	
5 or More Bedrooms	2.8	0.25	2.52	88.2	885	3,731	23.6	0.24	8.8	
Single-Family Attached	10.6	0.54	5.65	51.1	535	1,879	27.2	0.28	6.2	
Less than 3 Bedrooms	3.9	0.15	1.63	38.8	417	1,328	29.2	0.31	9.2	
3 Bedrooms	4.6	0.23	2.60	50.8	569	1,996	25.4	0.29	8.2	
4 or More Bedrooms	2.1	0.16	1.43	74.9	681	2,651	28.2	0.26	10.6	
Apartments in Buildings										
With 2 to 4 Units	9.4	0.41	4.73	44.2	505	1,199	36.9	0.42	6.6	
Less than 2 Bedrooms	2.6	0.09	0.95	33.1	371	811	40.8	0.46	11.2	
2 Bedrooms	5.0	0.20	2.41	40.8	484	1,200	34.0	0.40	7.3	
3 or More Bedrooms	1.8	0.13	1.37	69.1	750	1,741	39.7	0.43	13.1	

See footnotes at end of table.

Table CE2-6.2u. Space-Heating Energy Consumption and Expenditures by Square Feet and Usage Indicators, 2001 (Continued)

Usage Indicators	Households (million)	Space-Heating Energy							RSE Row Factors	
		Total ^a		Per Household ^a			Per Square Feet ^a			
		Consumption (quadrillion Btu)	Expenditures (billion dollars)	Consumption (million Btu)	Expenditures (dollars)	Heated Square Feet	Consumption (1000 Btu)	Expenditures (dollars)		
RSE Column Factor:	1.1	1.4	1.4	1.0	0.9	0.7	0.9	0.9		
Apartments in Buildings										
With 5 or More Units	16.3	0.24	3.33	14.8	204	781	18.9	0.26	5.1	
Less than 2 Bedrooms	8.1	0.10	1.40	12.8	174	590	21.6	0.30	6.1	
2 Bedrooms	6.8	0.11	1.53	16.7	225	935	17.8	0.24	8.2	
3 or More Bedrooms	1.5	0.02	0.39	17.0	268	1,119	15.2	0.24	14.2	
Adequacy of Insulation										
Well Insulated	42.2	1.75	19.32	41.5	458	1,918	21.6	0.24	2.7	
Adequately Insulated	42.5	1.88	20.62	44.4	486	1,698	26.1	0.29	2.7	
Poorly Insulated	19.1	0.92	9.87	48.4	517	1,306	37.0	0.40	3.7	
No Insulation	0.7	0.04	0.39	49.8	526	1,135	43.9	0.46	14.9	
Don't Know	0.9	0.03	0.32	34.1	366	1,204	28.3	0.30	15.1	
Occurrences of Drafts During Winter										
Never	5.9	0.29	3.08	49.2	526	1,264	38.9	0.42	6.2	
Some of the Time	6.3	0.27	3.11	42.8	490	1,267	33.8	0.39	5.8	
Most of the	33.9	1.67	17.94	49.2	528	1,711	28.8	0.31	2.8	
All of the Time	54.6	2.27	25.01	41.7	458	1,837	22.7	0.25	2.6	
Don't Know	4.6	0.12	1.38	25.6	303	1,297	19.7	0.23	7.0	
Secondary Heating Equipment										
Yes	33.9	1.69	18.90	50.0	558	2,034	24.6	0.27	2.8	
No	71.4	2.93	31.62	41.0	443	1,552	26.4	0.29	2.2	
Daytime Winter Temperature										
When Someone is at Home³										
Heat Turned On	96.1	4.41	48.04	45.9	500	1,772	25.9	0.28	1.9	
63 Degrees or Less	3.9	0.17	1.79	42.3	454	1,453	29.1	0.31	7.6	
64 to 66 Degrees	8.3	0.37	4.12	44.6	494	1,739	25.6	0.28	5.2	
67 to 69 Degrees	23.5	1.19	12.71	50.5	540	2,004	25.2	0.27	2.7	
70 Degrees	25.4	1.19	12.95	46.9	510	1,707	27.5	0.30	3.5	
71 to 73 Degrees	16.4	0.80	8.75	48.6	533	1,877	25.9	0.28	4.1	
74 Degrees or More	18.5	0.70	7.73	37.6	417	1,557	24.1	0.27	4.3	
Heat Turned Off	2.0	0.02	0.31	11.5	150	688	16.7	0.22	13.4	
Unknown/No Answer	7.1	0.19	2.18	26.4	305	1,116	23.7	0.27	6.1	
Winter Temperature Settings										
Lower When No One Home										
Yes	47.0	2.06	22.48	43.8	478	1,759	24.9	0.27	2.6	
No	58.3	2.56	28.04	44.0	481	1,665	26.4	0.29	2.2	
Lower During Sleeping Hours										
Yes	45.4	2.09	22.64	46.1	499	1,782	25.8	0.28	2.7	
No	59.9	2.53	27.89	42.2	466	1,650	25.6	0.28	2.3	

¹ The major fuels are electricity, natural gas, fuel oil, kerosene, and liquefied petroleum gas (LPG).

² New construction for 2001 includes only those housing units built and occupied between January and the April-August period when the household interviews were conducted.

³ The 1.0 million households that do not heat their homes are not included in these categories.

^a The column factor in this section is underestimated because it contains no error for estimating the end-use.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals. • See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A-G of the 2001 Residential Energy Consumption Survey.